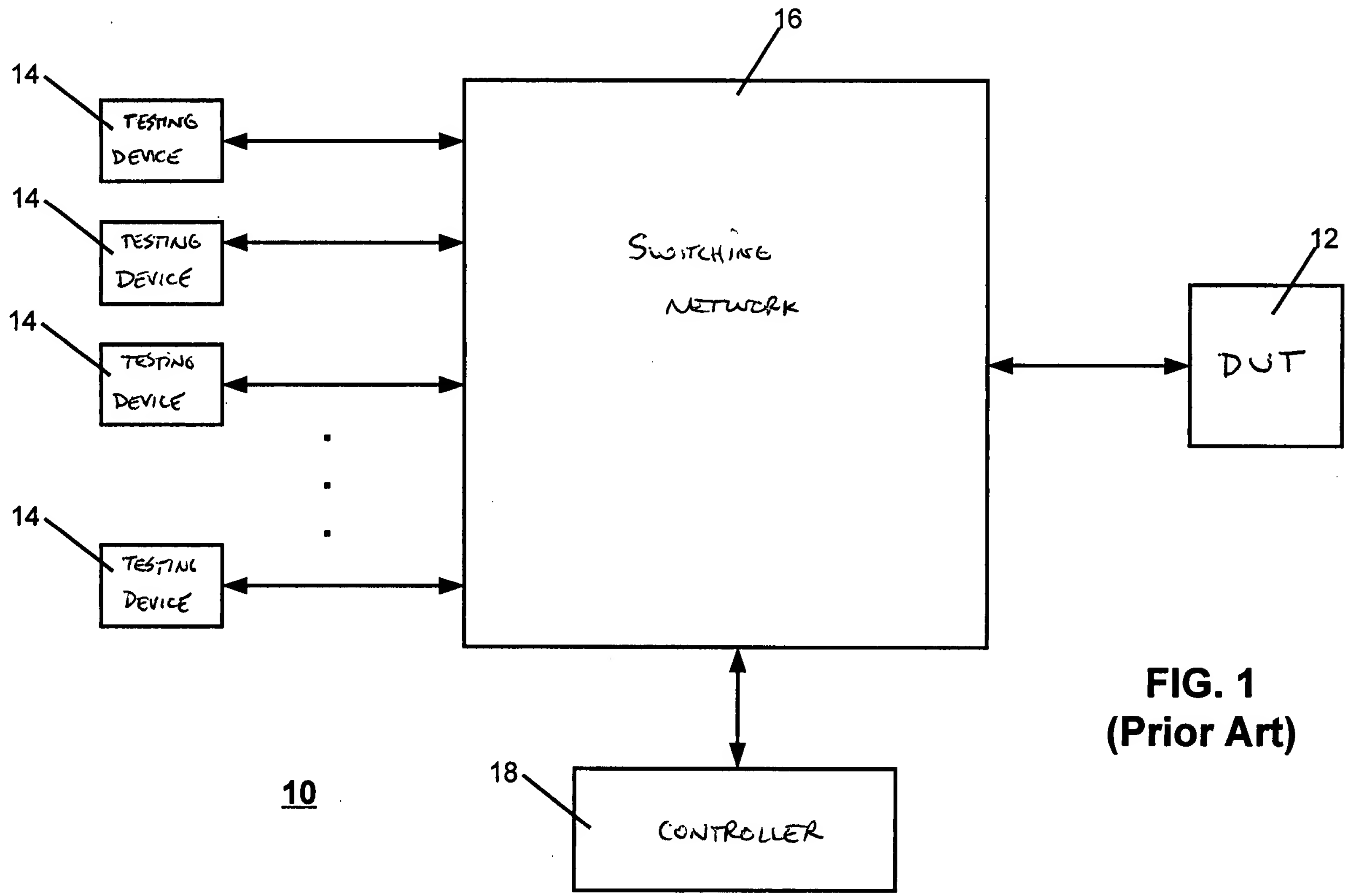

FIG. 1
(Prior Art)

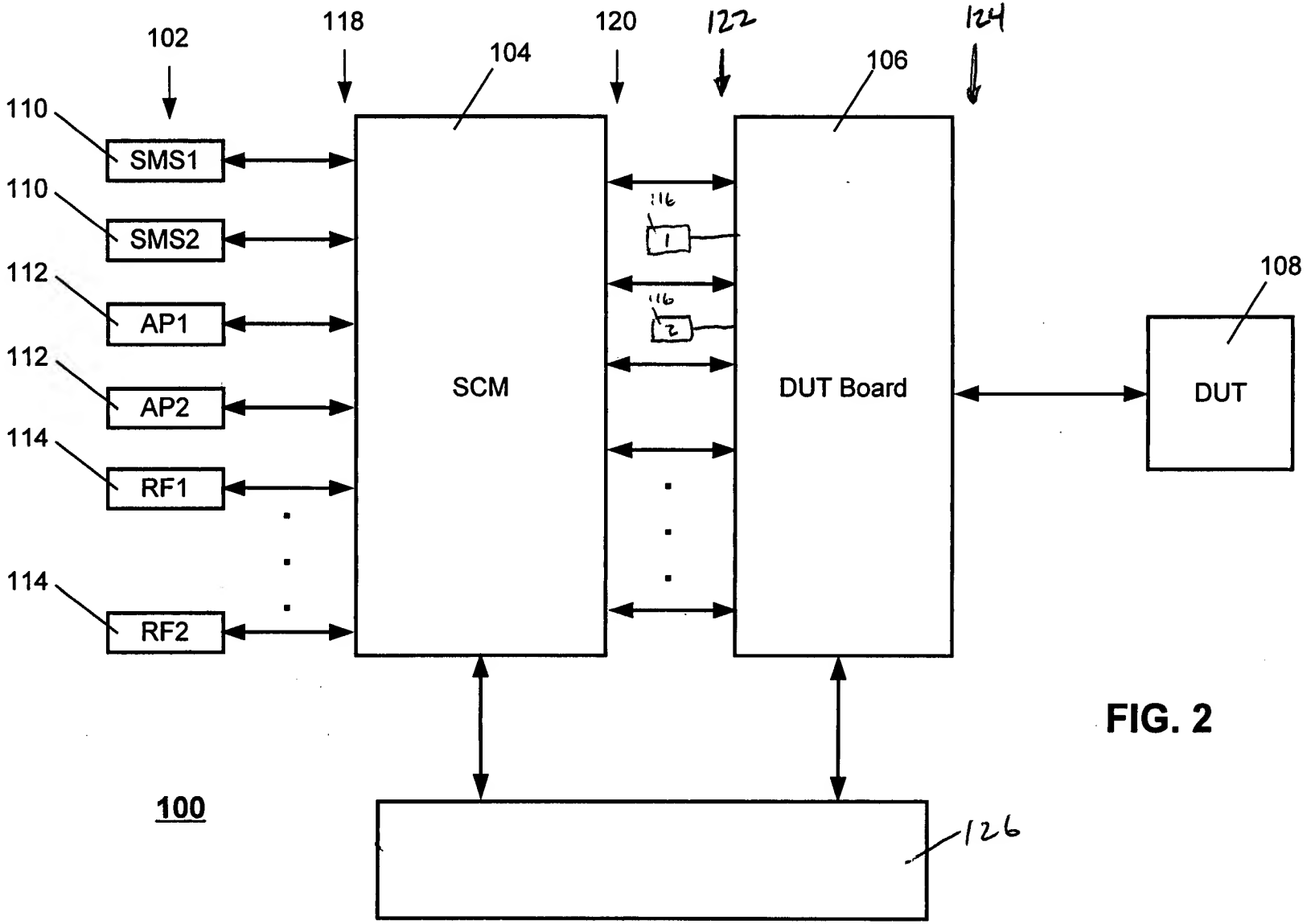

FIG. 2

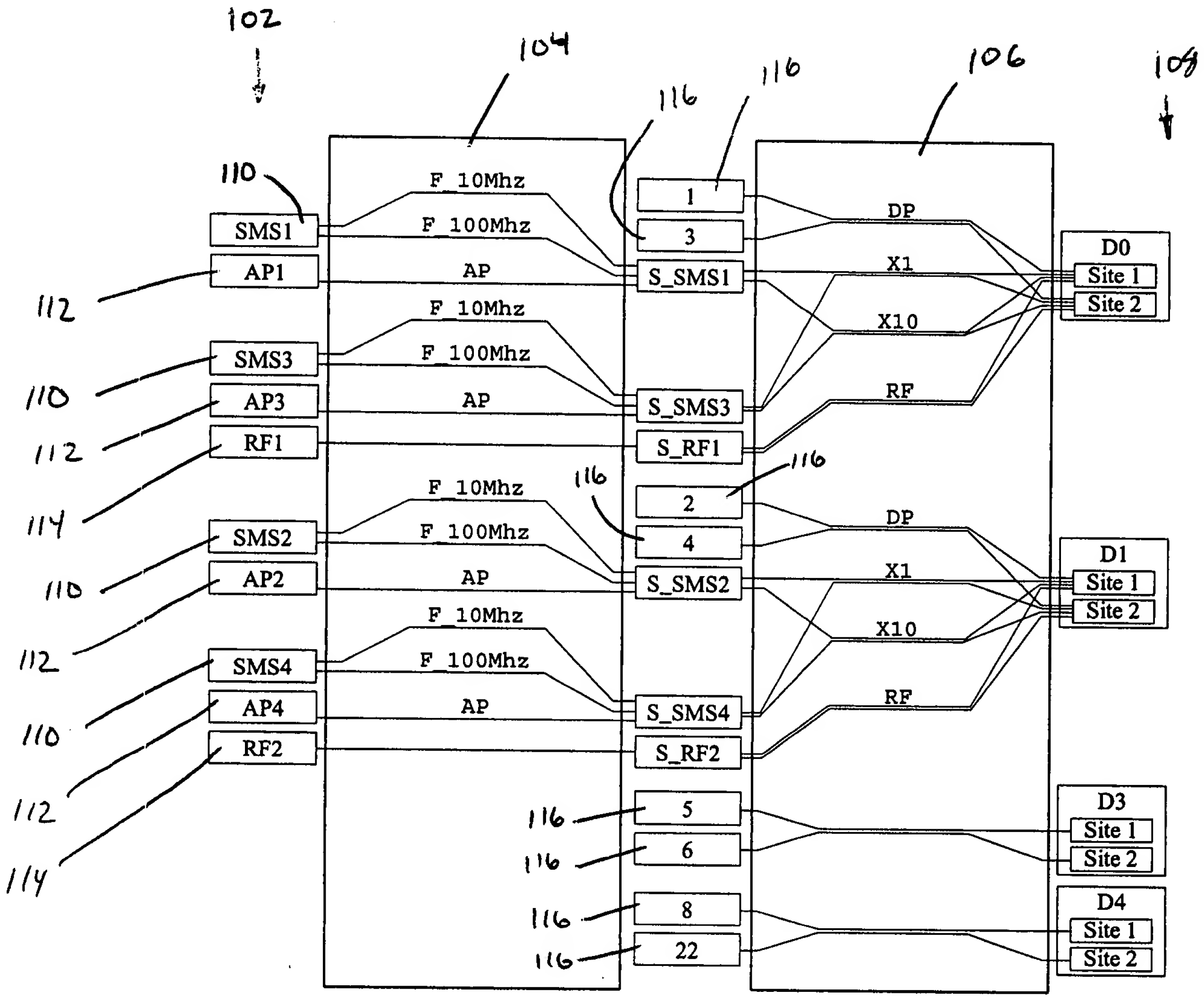
102
104
116
116
106
108
110
SMS1
AP1
112
SMS3
110
AP3
112
RF1
114
SMS2
110
AP2
112
SMS4
110
AP4
112
RF2
114
F_10Mhz
F_100Mhz
AP
F_10Mhz
F_100Mhz
AP
F_10Mhz
F_100Mhz
AP
F_10Mhz
F_100Mhz
AP
1
3
S_SMS1
S_SMS3
S_RF1
2
4
S_SMS2
S_SMS4
S_RF2
5
6
8
22
116
116
116
116
116
116
DP
X1
X10
RF
DP
X1
X10
RF
D0
Site 1
Site 2
D1
Site 1
Site 2
D3
Site 1
Site 2
D4
Site 1
Site 2

FIG. 3

To (Pogo Pin)	Conn Name	Def	From (tester)	Connect	Disconnect	Comment
S_SMS1	F_10Mhz	x	SMS1	+K1	-K1	10 Mhz filter on SMS 1
	F_100Mhz		SMS1	+K2	-K2	100 Mhz Filter on SMS 1
	AP	x	AP1	+K3	-K3	AP connection to S_SMS 1
S_SMS2	F_10Mhz	x	SMS2	+K4	-K4	
	F_100Mhz		SMS2	+K5	-K5	
	AP	x	AP2	+K6	-K6	
S_SMS3	F_10Mhz	x	SMS3	+K7	-K7	
	F_100Mhz		SMS3	+K8	-K8	
	AP	x	AP3	+K9	-K9	
S_SMS4	F_10Mhz	x	SMS4	+K10	-K10	
	F_100Mhz		SMS4	+K11	-K11	
	AP	x	AP4	+K12	-K12	
S_RF1			RF1			
S_RF2			RF2			

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FIG. 4

To (Pin)	PPID	X	Y	Shape	Type	Conn Name	Res/ Site	Site	Con nect	Dis con nect	From (Pogo Pin)	Paths	Comment
D0	1	0	120	ROUND	BID	DP	per site	1	+K5	-K5	1	DP, CPMU	Direct connec tion to DP and via the CPMU
								2	+K6	-K6	3		
						X1	per site	1	+K1	-K1	S_SMS1	F_10Mhz, F_100Mhz	Direct connec tion to S_SMS
								2	+K2	-K2	S_SMS3		
						X10	per site	1	+K7	-K7	S_SMS1	AP	x10 amplified connection to S_SMS
								2	+K8	-K8	S_SMS3		
						RF	Re-layed	1	+K3	-K3	S_RF1		Per site relayed connection to RF
								2	+K4	-K4	S_RF1		
D1	2	0	240	ROUND	BID	DP	per site	1	+K15	-K15	2	DP, CPMU	Direct connec tion to DP and via the CPMU
								2	+K16	-K16	4		
						X1	per site	1	+K11	-K11	S_SMS2	F_10Mhz, F_100Mhz	Direct connec tion to S_SMS
								2	+K12	-K12	S_SMS4		
						X10	per site	1	+K17	-K17	S_SMS2	AP	x10 amplified connection to S_SMS
								2	+K18	-K18	S_SMS4		
						RF	Re-layed	1	+K13	-K13	S_RF2		Per site relayed connection to RF
								2	+K14	-K14	S_RF2		
D3	3	0	360	ROUND	BID		per site	1			5	DP, CPMU	Direction connec tion to DP and via the DP to the CPMU
								2			6		
D4	4	0	480	ROUND	BID		per site	1			8	DP, CPMU	
								2			22		

150

FIG. 5

Pin Name	Fully Qualified Name	SCM Pogo Pin		Tester Resource		Comment
		Site 1	Site 2	Site 1	Site 2	
D0	D0.DP.DP			D1	D3	D0 defaults to the first DUT board connection (DP) and the first SCM connection (DP).
D0.DP	D0.DP.DP			D1	D3	D0.DP specifies the DP DUT board connection. It then defaults to the first SCM connection (DP).
D0.DP.DP	D0.DP.DP			D1	D3	Fully specified name
D0.CPMU	D0.DP.CPMU			D1	D3	CPMU connection via D1/D3. See Section "CPMU Connection" on page5 for more details on the CPMU. The DP name is not necessary since there is only one CPMU SCM connection name.
D0.F_10Mhz	D0.X1.F_10Mhz	S_SMS1	S_SMS3	SMS1	SMS3	The X1 DUT board connection is used as it is the only one to F_10Mhz
D0.X1	D0.X1.F_10Mhz	S_SMS1	S_SMS3	SMS1	SMS3	The X1 connection defaults to the first SCM connection which is F_10Mhz
D0.AP	D0.X10.AP	S_SMS1	S_SMS3	AP1	AP3	The only AP connection is via X10
D0.X10	D0.X10.AP	S_SMS1	S_SMS3	AP1	AP3	The only X10 connection is AP
D0.RF	D0.RF	S_RF1	S_RF1	RF1	RF1	

FIG. 6